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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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A.J. Paul Carew

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EXAMINER

MEHRA, INDER P

ART UNIT

PAPER NUMBER

2666

DATE MAILED: 09/20/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/724,714

Applicant(s)

CAREW ET AL.

Examiner

Inder P Mehra

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 July 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 58-114 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 58-114 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>12</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. This is in response to an amendment B dated 7/2/04, which has been fully considered and made of record. Based on this amendment B, claims 1-57 have been cancelled, and claims 58-114 have been added. Claims 58-114 are now pending.

Information Disclosure Statement

2. The information disclosure statement filed 1/3/01 fails to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because it does not enclose the relevant documents. It has been placed in the application file, but the information referred to therein has not been considered as to the merits. Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609 ¶ C(1).

US Document no. 5610922, instead of US document no. 5610992, as mentioned in the IDS page 2 of 4, is enclosed. Please clarify as to which number is correct.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

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having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 58-65, 67, 72-79, 81, 89-95, 99-106 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Focsaneanu et al** (US Patent No. 5,610,910), hereinafter, Focsaneanu; and further in view of **Chao et al** (US Patent No. 5,050,164), hereinafter Chao.

For claims 58, 72, 89 and 100, Focsaneanu discloses a gateway (access module 208, refer to col. 4 lines 64-65) for communicating telecommunication information, refer to 208 of fig. 7, refer to col. 4 lines 40-67; comprising:

step of extracting information content from user/subscriber profile/file to determine required services---between CPE and the communication network; determining appropriate routing; *(telecommunication interface for a first subscriber and second telecommunication information for a second subscriber from a telecommunication network)*, refer to col. 4 lines 40 –col. 5 line 12.

(one or more packetization (extracting information content from user profile, refer to col. 5 line 4, determining the protocol, routing and address refer to col. 5 lines 6-8 and 1-12) *modules operable to generate first data packets for communicating the first telecommunication information according to a first data communication protocol associated with the first subscriber and to generate second data packets for communicating the second telecommunication information according to a second data communication protocol associated with the second subscriber), refer to col. 6 line 53-col. 7 line 50;*

Focsaneanu discloses a memory operable to store subscriber profiles---telecommunication interface, as recited by claim 89, (an access module (gateway), further,

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includes a storage (memory) for storing information concerning user profile (subscriber profile), refer to col. 5, lines 2-6; database (memory), refer to col. 8 lines 14-16;

Focsaneanu discloses a telecommunication interface -----subscriber, as recited by claim 89; refer to col. 10 line 46-col. 11 line 6.

Focsaneanu discloses packetized data traffic and packetized voice, refer to col. 11 lines 1-15, (a packetization module -----information associated with a subscriber (user profile, col. 11 line 2) from the data packets using a data communication protocol (ATM and Frame Relay, col. 11 line 6)-----subscriber, as recited by claim 89);

Focsaneanu does not disclose expressly, using terms: “a first data communication protocol or second data communication protocol, first subscriber, second subscriber, first telecommunication information, second telecommunication information etc.”;

Chao discloses, a unique protocol capable of handling services with multiple priorities (unique protocol is unique to each subscriber’s profile as stored /desired by subscriber”, refer to col. 17 lines 5-7;

It would have been obvious to a person of ordinary skill in the art at the time of the invention to use the protocol unique to the subscriber as prescribed in subscriber’s profile, as taught by Chao. The use of unique protocol in broadband network is advantageous to CPE. The suggestion/motivation to do so would have been to provide desired characteristics for customer premises network which uses broadband to deliver all services.

For claims 59, 61, 73, 75, 90, 92, 101 and 103, Focsaneanu discloses each of a plurality subscribers is associated with a separate telecommunication interface, refer to col. 4 lines 45-48;

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and “the telecommunication interface module is further operable-----the first telecommunication”, refer to col. 4 lines 45-48, col. 8 lines 11-25.

For claims 60, 74, 91 and 102, Focsaneanu discloses the telecommunication interface---- analog line----switch, POTs, refer to col. 7 lines 29-32 and fig. 7, TR 303 col. 10 line 51.

For claims 62, 76, 93 and 104, Focsaneanu discloses, “the subscriber identifier is a name address, or telephone number, refer to col. 8 lines 16-22, 30, col. 13 lines 62-67.

For claims 63, 77, 94 and 105, Focsaneanu discloses, “one or more compression modules operable-----subscriber”, refer to (compression techniques, col. 7 line 3, 552 col. 11, lines 20-22, col. 12 line 60.

For claims 64 and 78, Focsaneanu discloses all the features of claim 6 including compression techniques at gateway, refer to col. 7 line 3 ; and memory operable to store first subscriber profile----compression algorithm----, as recited by claims 7 and 21, database for packet assembly and disassembly, refer to col. 8 lines 22-24 and col. 7 lines 3 and col. 11 lines 15-21.

For claims 65 and 79, Focsaneanu discloses all the features of claim 6 including: “management module (246 of fig. 8) operable to select, for the first subscriber, a compression module supporting the first compression algorithm, col. 7 line 3, 552 col. 11, lines 20-22, col. 12

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line 60; and a packetization module supporting the first data communication protocol, refer to col. 8 lines 11-43.

For claims 67, 81 and 99, Focsaneanu discloses all the features of claims 58, 72 and 89, including: “one or more network interface modules operable to communicate the first data packets----using first data link-----second data link-----second subscriber, refer to col. 4 lines 40—col. 5 line 12 and col. 45-65.

For claims 95 and 106, Focsaneanu discloses all the features of claims 89 and 100 including a network interface module operable to communicate the data packets using data link associated with the subscriber, refer to col. 8 lines 53-55, (access a plurality of different types of CPEs), col. 7 lines 12, col. 7 lines 26-35.

5. Claims 66, 69-70, 80, 83-84, 96-97 and 107-110 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Focsaneanu et al**, hereinafter, Focsaneanu; in view of **Chao et al**, hereinafter Chao, as applied to claims 1 above; further in view of **Pounds et al** (US Patent No. 6,560,222), hereinafter, Pounds.

For claims 66, 69-70, 80, 83-84, 96-97 and 107-110 both Focsaneanu and Chao disclose all the features and limitations of claims 66, 69-70, 80, 83-84, 96-97 and 107-110 with the exception of, “a management module operable to assign at least *one time slot of a time division multiplexing (TDM) bus* to communicate the first telecommunication information----“, as recited by claims 97, 108-110; “*echo cancellation modules ---on the first telecommunication*

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interface", as recited by claims 69, 83, 96 and 107 and "*TDM bus---telecommunication information---and a data packet bus ---first data packets to packetization module---*", as recited by claims 70 and 84;

Pounds discloses "a management module operable to assign at least *one time slot of a time division multiplexing (TDM) bus* to communicate the first telecommunication information---"; refer to col. 8 lines 60-63; "*echo cancellation modules ---on the first telecommunication interface*, refer to col.8 lines 2; and "*a data packet bus ---first data packets to packetization module--- and TDM bus---telecommunication information---*", refer to col. 9 lines 50-53; .

Pounds does not disclose expressly whether echo cancellation be used in the second telecommunication information, as recited by claims 69 and 83.

It would have been obvious to a person of ordinary skill in the art at the time of the invention to assign at least *one time slot of a time division multiplexing (TDM) bus and echo cancellation* to communicate the first telecommunication information. The capability of using time slots of a time division bus is provided by combining it in access module 234 of fig. 8. The suggestion/motivation to do so would have been to provide desired characteristics of voice data signals for customer premises network which uses broadband to deliver all services and also to save bandwidth.

6. Claims 68, 82, 86 and 111-112 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Focsaneanu et al** (US Patent No. 5,610,910), hereinafter, Focsaneanu; and further in view of **Chao et al** (US Patent No. 5,050,164), hereinafter Chao, further in view of **Lor** (US Patent No. 6,201,562).

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For claims 68, 82, 86 and 111-112, Focsaneanu discloses a gateway (access module 208, refer to col. 4 lines 64-65) and method for interfacing CPEs' and communicating telecommunication information, refer to 208 of fig. 7, refer to col. 4 lines 40-67; comprising:

- ***telecommunication interface----* for a first subscriber and second telecommunication information for a second subscriber from a telecommunication network (step of extracting information content from user/subscriber profile/file to determine required services---between CPE and the communication network; determining appropriate routing;), refer to 208 of fig. 7, refer to col. 4 lines 40-67; comprising:**
- ***one or more packetization* (extracting information content from user profile, refer to col. 5 line 4, determining the protocol, routing and address refer to col. 5 lines 6-8 and 1-12) modules operable to generate first data packets for communicating the first telecommunication information according to a first data communication protocol associated with the first subscriber and to generate second data packets for communicating the second telecommunication information according to a second data communication protocol associated with the second subscriber), refer to col. 6 line 53-col. 7 line 50;**
- one or more network interface modules operable to communicate the first data packets----using first data link-----second data link-----second subscriber, refer to col. 4 lines 40—col. 5 line 12 and col. 45-65;

Focsaneanu does not disclose expressly, terms: "a first data communication

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protocol or second data communication protocol, first subscriber, second subscriber, first telecommunication information, second telecommunication information etc.”, as recited by claims 68, 82, and 86;

Focsaneanu does not disclose expressly, using terms: “wherein the first data link communicates the first data packets to a digital subscriber line access multiplexer (DSLAM); and the second data link communicates the second data packets to a cable modem termination system (CMTS) or a base station controller (BSC), as recited by claims 68, 82, 86, and 112;

Chao discloses, a unique protocol capable of handling services with multiple priorities (unique protocol is unique to each subscriber’s profile as stored /desired by subscriber”, refer to col. 17 lines 5-7;

Lor discloses, “wherein the first data link communicates the first data packets to a digital subscriber line access multiplexer (DSLAM); and the second data link communicates the second data packets to a cable modem termination system (CMTS) or a base station controller (BSC), as recited by claims 68, 82, 86, and 112”;

It would have been obvious to a person of ordinary skill in the art at the time of the invention to use the protocol unique to the subscriber as prescribed in subscriber’s profile, as taught by Chao, and DSLAM and CMTS . These capabilities can be implemented by using the systems used by Chao and Lor at CPE. The suggestion/motivation to do so would have been to provide desired characteristics for customer premises network which uses broadband to deliver all services at high bandwidth.

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7. Claims 71, 85, 98 and 109 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Focsaneanu et al**, hereinafter, Focsaneanu; in view of **Chao et al**, hereinafter Chao, as applied to claims 71, 85, 98 and 109 above; further in view of **Lyles et al** (US Patent no. 6,563,829), hereinafter, Lyles.

For claims 71, 85, 98 and 109, both Focsaneanu and Chao disclose all the features and limitations of claims 71, 85, 98 and 109 and, with the exception of the limitation, ***“IEEE 802.6 bus operable to communicate the first data packets----”***;

Lyles discloses, ***“IEEE 802.6 bus operable to communicate the first data packets----”***; refer to col. 5 lines 9-11---for point to point link between user and terminal equipment sites;

It would have been obvious to a person of ordinary skill in the art at the time of the invention to use ***“IEEE 802.6 bus operable to communicate the first data packets----”***; refer to col. 5 lines 9-11---for point to point link between user and terminal equipment sites;. The capability of using ***IEEE 802.6 bus*** is provided by combining it in access module 234 of fig. 8. The suggestion/motivation to do so would have been to provide desired characteristics of voice data signals for customer premises network, as set forth in user profile, which uses broadband to deliver all services and also to save bandwidth.

8. Claims 87-88 are rejected under 35 U.S.C. 103(a) as being unpatentable over Focsaneanu in view of Chao, and Lor, as applied to claims 68, 82, 86 and 111, further in view of **Health Jr. et al** (US Patent No. 6,678,253), hereinafter Health.

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For claims 87 and 88, Focsaneanu discloses a gateway (access module 208, refer to col. 4 lines 64-65) and method for of interfacing CPEs' and communicating telecommunication information, refer to 208 of fig. 7, refer to col. 4 lines 40-67; comprising:

- ***telecommunication interface----- for a first subscriber and second telecommunication information for a second subscriber from a telecommunication network*** (step of extracting information content from user/subscriber profile/file to determine required services---between CPE and the communication network; determining appropriate routing;), refer to 208 of fig. 7, refer to col. 4 lines 40-67; comprising:
- ***one or more packetization*** (extracting information content from user profile, refer to col. 5 line 4, determining the protocol, routing and address refer to col. 5 lines 6-8 and 1-12) ***modules operable to generate first data packets for communicating the first telecommunication information according to a first data communication protocol associated with the first subscriber and to generate second data packets for communicating the second telecommunication information according to a second data communication protocol associated with the second subscriber***), refer to col. 6 line 53-col. 7 line 50;
- one or more network interface modules operable to communicate the first data packets-----using first data link-----second data link-----second subscriber, refer to col. 4 lines 40—col. 5 line 12 and col. 45-65;

Focsaneanu does not disclose expressly, terms: “a first data communication

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protocol or second data communication protocol, first subscriber, second subscriber, first telecommunication information, second telecommunication information etc.”,

Focsaneanu does not disclose expressly, using terms: “wherein the first data link communicates the first data packets to a digital subscriber line access multiplexer (DSLAM); and the second data link communicates the second data packets to a cable modem termination system (CMTS) or a base station controller (BSC),

Chao discloses, a unique protocol capable of handling services with multiple priorities (unique protocol is unique to each subscriber’s profile as stored /desired by subscriber”, refer to col. 17 lines 5-7;

Lor discloses, “wherein the first data link communicates the first data packets to a digital subscriber line access multiplexer (DSLAM); and the second data link communicates the second data packets to a cable modem termination system (CMTS) or a base station controller (BSC)”, refer to col. 6 lines 52-65;

Focsaneanu, Chao and Lor do not disclose Base station controller (BSC), as recited by claims 87 and 88;

Health discloses, “communicating the second data packets to a base station controller (BSC) using second data communication protocol”, refer to col. 7 lines 5-6;

It would have been obvious to a person of ordinary skill in the art at the time of the invention to use the protocol unique to the subscriber as prescribed in subscriber’s profile, as taught by Chao, DSLAM and CMTS and BSC as taught by Health. These capabilities can be implemented by using the systems used by Chao, Lor and Health at CPE. The suggestion/

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motivation to do so would have been to provide desired characteristics for customer premises network which uses broadband to deliver all services at high bandwidth.

9. Claims 113 and 114 are rejected under 35 U.S.C. 103(a) as being unpatentable over Focsaneanu in view of Chao and **Lor**, as applied to claim 111 above, further in view of **Health Jr. et al** (US Patent No. 6,678,253), hereinafter, Health.

For claims 113-114, Focsaneanu and Chao disclose all the limitations of subject matter with the exception of the following limitations:

- * “wherein the gateway generates data packets for communication to the digital subscriber line access multiplexer (DSLAM); or a base station controller (BSC), as recited by claim 114”;

- * “a base station controller (BSC) operable to communicate at least some of the data packets generated by the gateway to a wireless network interface unit (WNIU) using a wireless link”, as recited by claim 113.

Lor discloses, “wherein the gateway generates data packets for communication to the digital subscriber line access multiplexer (DSLAM); or a base station controller (BSC), as recited by claims 68, 82, 86 and 112, ”, refer to col. 6 lines 52-65;

Health discloses, “a base station controller (BSC) operable to communicate at least some of the data packets generated by the gateway to a wireless network interface unit (WNIU) using a wireless link”, refer to col. 7 lines 5-6;

It would have been obvious to a person of ordinary skill in the art at the time of the invention to generate packets for communication to the DSLAM and BSC, as taught by Lor and

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Health. These capabilities can be implemented by using the systems used by Focsaneanu, Chao, Lor and Health at CPE. The suggestion/motivation to do so would have been to provide desired characteristics for customer premises network which uses broadband to deliver all services at high bandwidth.

Response to Arguments

10. Applicant's arguments filed 7/2/04 have been fully considered but they are not persuasive.

a. Applicant argues that examiner's cited references do not disclose, teach, or suggest "one or more packetization modules to generate first data packets for communicating-----".

In response, it is stated that Focsaneanu '910 discloses "At present, however, different types of networks, both channelized and packetized, exist separately and independently", refer to col. 2 lines 40-42.

b. Applicant argues that examiner's cited references do not disclose, teach, or suggest "generate first data packets for communicating the first telecommunication information according to a first data communication protocol associated with the first subscriber and to generate second data packets for communicating the second telecommunication information according to a second data communication protocol associated with the second subscriber".

In response, it is stated that Focsaneanu '910 discloses "a plurality of different types of CPEs can access a plurality of different types of services provided by service providers which

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may utilize different types of transport networks, e.g. PSTN 212 and data switched networks

214. The data switched networks may include, among other networks, a packet switched network, an ATM network using protocols such as TCP/IP, X.25, ATM, etc.”, refer to col. 7 lines 10-18;

Further, it is stated that Focsaneanu ‘910 discloses “The transmission format can also be adapted at the access module (gateway) (e.g. rate adaptation, protocol adaptation, etc.) to better match the terminals, transport, or service capability available, refer to col. 7 lines 5-10.

Further, it is stated that Focsaneanu ‘910 discloses “analyzes the contents of a data connection request to identify the service requested. Upon identification of the type of service requested, the controller performs address conversion, protocol conversion, rerouting etc., and exchanges packetized data formed at PAD 254, refer to col. 8 lines 15-25.

c. Applicant argues that Focsaneanu ‘910 does not describes voice for communication from the customer premises to a data network-not for communication from the PSTN to the customer premises. Applicant argues that Focsaneanu ‘910 does not disclose a gateway that uses a data communication protocols associated with the subscriber to generate the data packets ---telecommunication from the PSTN.

In response, it is stated that the limitation “communication from PSTN to the customer” was not claimed in these claims. However, responses by examiner are provided as follows:

Focsaneanu ‘910 discloses “The transmission format can also be adapted at the access module (gateway) (e.g. rate adaptation, protocol adaptation, etc.) to better match the terminals, transport, or service capability available, refer to col. 7 lines 5-10.

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In response, it is stated that Focsaneanu '910 discloses "According to one aspect, the invention provides bi-directional emulation of the modem at the access, refer to col. 6 lines 65-67. Refer to fig. 4 wherein communication takes place between PSTN and subscribers. PSTN operates in channelized mode and provides continuous connection to another subscriber 22. The telephone service is established through a connection protocol, refer to col. 1 lines 45-47.

Further, it is stated that Focsaneanu '910 discloses "It is called collectively a service provider but in reality there are many service providers including PSTN providers, data switched network providers, data network access service providers, database service providers, wireless access providers, CATV service providers etc. CPEs are able to seamlessly access various services provided by the service provider through local access and cooperating modules called CPE connector", refer to col. 7 lines 20-30.

In light of above explanation, arguments by applicant are not persuasive.

11. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Conclusion

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Inder P Mehra whose telephone number is 571-272-3170. The examiner can normally be reached on Monday through Friday from 8AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on 571-272-3174. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Inder P Mehra
Examiner
Art Unit 2666



DANG TON
PRIMARY EXAMINER